

Revision: Specifications of service products revised.

Model 100

**Brake fluid**

Use specified brake fluid only

refer to "Specifications for Service Products" page 331.0

**Note**

During operation, the boiling point of the brake fluid will drop as a result of the continuous absorption of moisture from the atmosphere. During all-out braking, the braking system may be subject to vapor lock. For this reason, be sure to **renew brake fluid once a year**, if possible in the spring.

**Handle brake fluid carefully!**

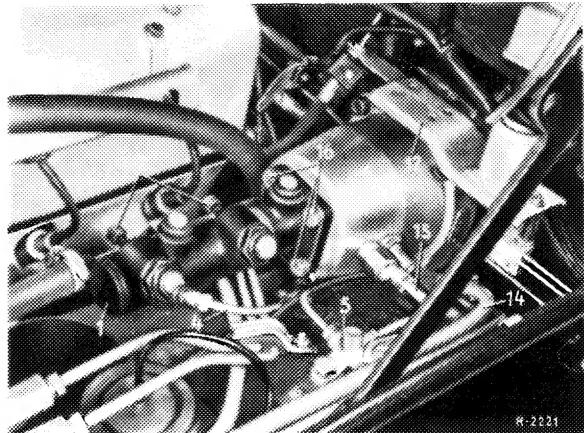
- a) Fill **brake fluid** only into containers which make consumption by mistake impossible (**fatal dose 100 cc**).
- b) Already minor traces of mineral oil will result in failure of the brake system. Particular attention must

be paid to colorless brake fluid or brake fluid tinted yellow, since the risk of confusion is particularly high here. When mineral oil is found in brake system or when mineral oil is suspected, flush entire brake system and replace main cylinder.

- c) Do not permit brake fluid to touch paintwork of vehicle, since fluid contains particles which will dissolve paint.
- d) Brake fluid is highly hygroscopic, that is, fluid will absorb moisture from the air, which in turn will lower the boiling point. For this reason, store brake fluid only in well-sealed containers.

- Remove top from reservoir and fill with **new** brake fluid up to the marks stamped in the reservoir (also refer to job no. 700).
- First bleed master cylinder at both bleeder screws. To bleed brake system, loosen bleeder screws by 1 turn and slowly depress the brake pedal. Before allowing the brake pedal to rise, close the bleeder screw, so that no air is sucked in through the thread. Repeat the bleeding procedure until bubble-free brake fluid flows from both bleeder screws.
- Close bleeder screws with rubber caps.
- Replenish fluid level in reservoir. The brake fluid pumped out may not be reused. Unscrew top, making sure that the ventilation bore is not blocked (also refer to job no. 700).
- Check **travel of brake pedal**. It may be a **max. of 75mm** to the triggering point of the brake booster (distinct, firm stop), and with compressed air assistance (the compressed air warning light must not be illuminated).

If the path of the brake pedal is longer than 75 mm, also bleed the 4 calipers at front axle and the 2 calipers at rear axle.



2 Bleeder screw

